



FULLY- AND SEMI AUTOMATIC SOLUTIONS FOR BUNDLING AND WRAPPING PRODUCTS

HORIZONTAL WRAPPING MACHINE



MODEL: CYKLOP AT-S / ATA-A



Banding and spiral machines for a large variety of products with different sizes and shapes.

All types of products can be wrapped from golden mouldings, furniture of all kinds, wooden products, profiles from all types of materials to large steel bundles: wooden or metal panels, sandwich for buildings, insulation panels, etc.

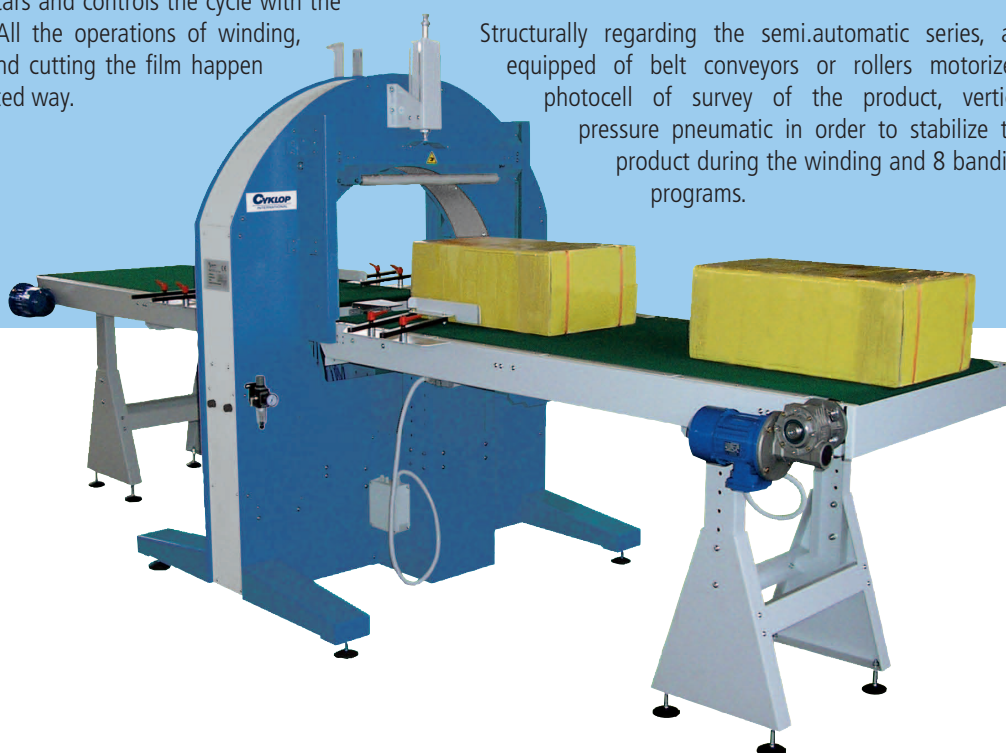
The machines of series AT are equipped of free rollers conveyors, at call covered in PVC, turn out flexible and simple in their use: after the set of the product the operator starts and controls the cycle with the to pedal. All the operations of winding, hooking and cutting the film happen in automated way.

Constructed using the same structure of models AT-A, regarding the semi automatic series BOX, can use stretch film spool with Ø outside of 250 mm and aavariable height from 50 mm till 500 mm.

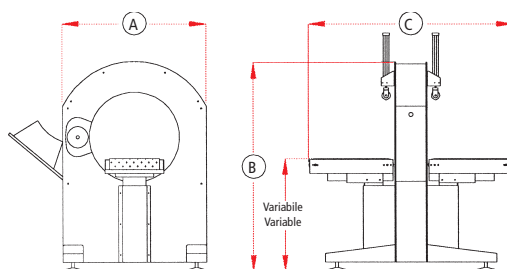
Regarding the models semi-automatic (AT-S) in series AT-A the cycle is complete automated. The machine of series AT-A are flexible and simple in their use.

Their employment can happen with or without the aid of operator. In fact they are planned also being inserted online completely automatic.

Structurally regarding the semi.automated series, are equipped of belt conveyors or rollers motorized, photocell of survey of the product, vertical pressure pneumatic in order to stabilize the product during the winding and 8 banding programs.



| Model | Film spool width | A (mm) | B (mm) | C (mm) |
|-------------|------------------|--------|--------|--------|
| AT 300 A/S | 125 mm | 1000 | 1530 | 2360 |
| | 250 mm | 1000 | 1530 | 2500 |
| AT 600 A/S | 125 mm | 1350 | 1720 | 1600 |
| | 250 mm | 1350 | 1720 | 1700 |
| AT 900 A/S | 125 mm | 1525 | 1830 | 1600 |
| | 250 mm | 1525 | 1830 | 1720 |
| | 500 mm | 1525 | 1830 | 2080 |
| AT 1200 A/S | 125 mm | 1900 | 2180 | 2260 |
| | 250 mm | 1900 | 2180 | 2400 |
| | 500 mm | 1900 | 2180 | 2750 |
| AT 1500 A/S | 125 mm | 2260 | 2450 | 2260 |
| | 250 mm | 2260 | 2450 | 2400 |
| | 500 mm | 2260 | 2450 | 2750 |
| AT 1800 A/S | 125 mm | 2500 | 2550 | 2260 |
| | 250 mm | 2500 | 2550 | 2400 |
| | 500 mm | 2500 | 2550 | 2750 |
| AT 2000 A/S | 125 mm | 2900 | 3140 | 2260 |
| | 250 mm | 2900 | 3140 | 2400 |
| | 500 mm | 2900 | 3140 | 2750 |



MODEL: CYKLOP AT-S / ATA-A

Technical Data



| Model | AT 300 A/S | AT 600 A/S | AT 900 A/S | AT 1200 A/S | AT 1500 A/S | AT 1800 A/S | AT 2000 A/S |
|----------------------------|-------------------|-------------------|-------------------|--------------------|----------------------|----------------------|----------------------|
| Rotation speed (turns/min) | 200 / 150 | 100 / 80 | 100 / 80 / 50 | 100 / 80 / 50 | 80 / 70 / 50 | 70 / 60 / 40 | 60 / 50 / 40 |
| Conveyor speed (m/min) | 20 / 30 | 12 / 16 | 12 / 16 / 20 | 12 / 16 / 20 | 12 / 16 / 20 | 9 / 13 / 18 | 9 / 13 / 18 |
| Ø max film spool (mm) | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| Film width (mm) | 125 250 500 | 125 250 500 | 125 250 500 | 125 250 500 | 125 250 500 | 125 250 500 | 125 250 500 |
| Core diameter (mm) | 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| Model | AT 300 A | AT 600 A | AT 900 A | AT 1200 A | AT 1500 A | AT 1800 A | AT 2000 A |
| Installed power (kW) | 1,5 / 1,5 | 1,1 / 1,1 | 1,1 / 1,1 | 1,85 / 1,85 / 3 | 1,85 / 2,2 / 3 | 2,2 / 3 / 3,75 | 3 / 3 / 3,75 |
| Weight (kg) | 400 500 | 400 550 | 500 600 750 | 800 950 1200 | 1000 1200 1400 | 1300 1500 1800 | 1500 1700 2000 |
| Model | AT 300 S | AT 600 S | AT 900 S | AT 1200 S | AT 1500 S | AT 1800 S | AT 2000 S |
| Installed power (kW) | 1,1 / 1,1 | 0,75 / 0,75 | 0,75 / 0,75 / 2,2 | 1,1 / 1,1 / 2,2 | 1,1 / 1,5 / 2,2 | 1,5 / 2,2 / 3 | 1,5 / 2,2 / 3 |
| Weight (kg) | 350 450 | 350 500 | 450 550 700 | 720 870 1120 | 920 1120 1320 | 1150 1350 1350 | 1350 1550 1850 |

A=Automatic / S=Semi-Automatic

Technical properties

- Rolling steel unit, high load capacity, wheels driven rotation unit
- Spool holder and gear roller with mechanically adjustable clutch (for constant film tensioning)
- Automatic hooking, cutting and holding of the film
- Automatic film spool positioning
- Number of wraps adjustable by key board
- Electronic variable speed of rotation by potentiometer
- Electronic variable speed of the belt by potentiometer
- Std voltage: 220 V 50 Hz (other upon request)
- Air pressure in action: 6 bar
- Keyboard with display for data entry
- 8 programmes of different banding with variables programmable by keyboard
- Predisposed to insert the machine in an automatic workingline
- Pneumatic vertical automatic pressure roller

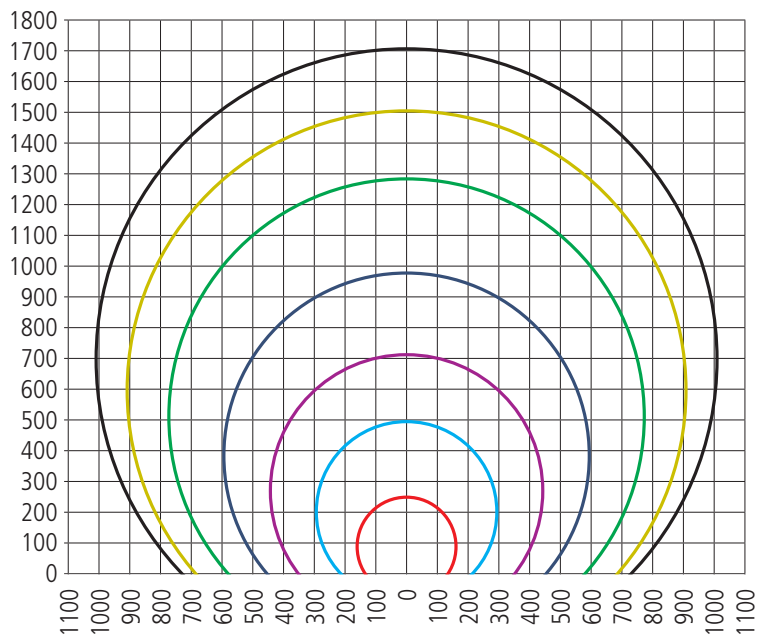


Diagram with the maximum dimensions for the passage of the product for wrapping machine model Cyklop AT automatic and semi-automatic.

| | | | |
|---|---------|------------------------|---------|
| — | AT 300 | - Diameter for passing | 340 mm |
| — | AT 600 | - Diameter for passing | 630 mm |
| — | AT 900 | - Diameter for passing | 910 mm |
| — | AT 1200 | - Diameter for passing | 1220 mm |
| — | AT 1500 | - Diameter for passing | 1550 mm |
| — | AT 1800 | - Diameter for passing | 1820 mm |
| — | AT 2000 | - Diameter for passing | 2020 mm |

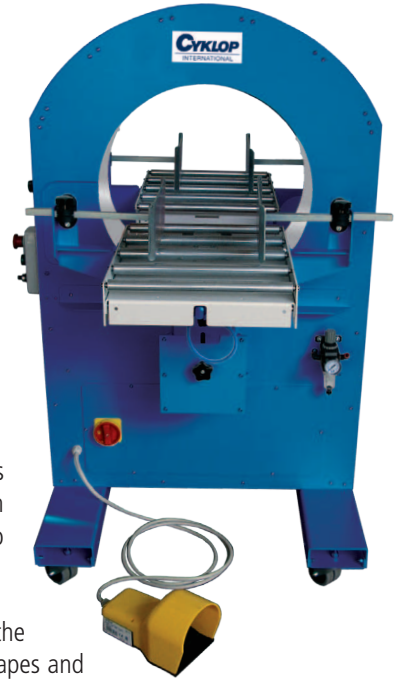
MODEL: CYKLOP BOX-S

Typical Application

Wooden, plastic and metal profiles. Alluminium extrusions and plastic tubes. Newspaper, magazines, textile rolls and carpets. Very easy to use: the operator must only place the product and press pedal to start cycle. Banding, film clamping and cutting operations are carried out automatically.

Technical Properties BOX-S / BOX-A

- Rolling steel unit, high load capacity, wheels driven rotation unit
- Spool holder and gear roller with mechanically adjustable clutch (for constant film tensioning)
- Pneumatic automatic hooking, cutting and holding of the film
- Automatic film spool positioning
- Number of wraps: 3 - Continuous operating cycle by pedal-control
- Electronic variable speed of rotation by potentiometer
- Std voltage: 220 V 50 Hz
- Air pressure in action: 6 bar



MODEL: CYKLOP BOX-A

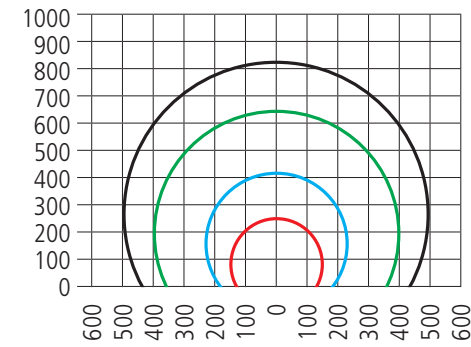
As entry-level model in the range of horizontal wrapper the BOX Semi-automatic is ever since the flagship model of the company and represents the best proportion between investment and efficiency. The natural evolution of this model brought to the development and realisation of the automatic version.

Due to the different diameters of the rotation unit 300-500-800-1000 mm the range covers in completely any type of product category of a large variety of shapes and sizes. Versatility, sability, robustness, reliability, the use of material which reduces wear and spare parts and what caps the maintenance costs, this brings the product at the top of its class.

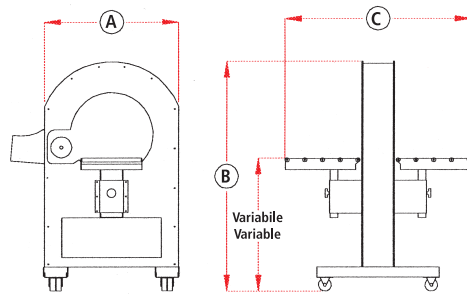
The machines of the series BOX-A are flexible and easy in their use.

Their employment can happen with or without the aid of the operator, in fact they are planned to be insert also in completely automatic lines . Structurally, compared to the semi-automatic series BOX-S they are equipped with belt conveyors, photocells to survey the product, vertical pneumatic pressures to stabilise the product during the wrapping with the 6 banding programs.

| Model | A (mm) | B (mm) | C (mm) |
|----------|--------|--------|--------|
| Box 300 | 730 | 1350 | 1150 |
| Box 500 | 830 | 1400 | 1150 |
| Box 800 | 1200 | 1600 | 1150 |
| Box 1000 | 1400 | 1800 | 1150 |



- Box 300 - Diameter for passing 334 mm
- Box 500 - Diameter for passing 514 mm
- Box 800 - Diameter for passing 800 mm
- Box 1000 - Diameter for passing 1000 mm



| Model | Box 300 | Box 500 | Box 800 | Box 1000 |
|----------------------------|---------|---------|---------|----------|
| Rotation speed (turns/min) | 140 | 120 | 100 | 80 |
| Ø max film spool (mm) | 125 | 125 | 125 | 125 |
| Film width (mm) | 125 | 125 | 125 | 125 |
| Core diameter (mm) | 38 | 38 | 38 | 38 |
| Installed power (kW) | 0,25 | 0,25 | 0,25 | 0,25 |
| Weight (kg) | 180 | 200 | 240 | 300 |

Diagram with the maximum dimensions for the passage of the product for wrapping machine model Cyklop Box semi-automatic.